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   ~~ will find the beginning of each group of results
   ^ will find the tagged items

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──

~~ Patent Literature: Inventor search

File 347:JAPIO Dec 1976-2007/Dec(Updated 080328)
        (c) 2008 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2007/ 200826
        (c) 2008 European Patent Office
File 349:PCT FULLTEXT 1979-2008/UB=20080703|UT=20080626
        (c) 2008 WIPO/Thomson
File 350:Derwent WPIX 1963-2008/UD=200843
        (c) 2008 The Thomson Corporation

Set   Items   Description
S1   52   AU=ENRIGHT J?
S2   214   AU=MASON T?
S3   1000   AU=STEWART D?
S4   117   AU=RAMACHANDRAN N?
S5   118   AU=BLACKSON D?
S6   1462   S1 OR S2 OR S3 OR S4 OR S5
S7   11   S6 AND ((ATM OR ATMS OR (AUTOMAT?? OR ELECTRONIC)()(TELLER?
                ? OR BANK???))(4N)(RADIAT??? OR EMIT? ? OR EMITT???))

  7/3/1   (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2008 European Patent Office. All rts. reserv.

01974870
Automated banking machine which dispenses, receives and stores notes and
    other financial instrument sheets
Geldautomat, der Banknoten und andere Finanzinstrumentblatter ausgibt,
    annimmt und speichert
Guichet bancaire automatise pour la distribution, la reception et le
    stockage de billets et d'autres instruments financiers
PATENT ASSIGNEE:
    DIEBOLD, INCORPORATED, (379921), 5995 Mayfair Road, North Canton, OH
    44720, (US), (Applicant designated States: all)
INVENTOR:
    Utz, Zachary, 8194 Overwood Avenue, North Canton, OH 44720, (US)
    Schoeffler, Daniel, 2148 Demi Drive, Twinsburg, OH 44087, (US)
    Griggy, Shawn, 2585 Mt. Pleasant NW, North Canton, OH 44720, (US)
    Ramachandran, Nat , 2424 Lyndon Drive, Uniontown, OH 44685, (US)
    Graef, Thomas H., Box 287, Bolivar, OH 44612, (US)
    Nevejans, Patrick, De Bergeyckdreef 10, 09120 Beveren, (BE)
    Klessens, Gert, Parkstraat 39, 3070 Kortenberg, (BE)
LEGAL REPRESENTATIVE:
    Meldrum, David James et al (127431), D Young & Co 120 Holborn, London
    EC1N 2DY, (GB)
PATENT (CC, No, Kind, Date): EP 1591975 A1 051102 (Basic)
                             EP2005013413 031017;
PRIORITY (CC, No, Date): US 419681 P 021018; US 435153 P 021219
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
    HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; LV; MK
RELATED PARENT NUMBER(S) - PN (AN):
    EP 1559046 (EP 2003779132)
INTERNATIONAL PATENT CLASS (V7): G07F-019/00; G07D-011/00; B65H-031/38
ABSTRACT WORD COUNT: 129
NOTE:

Figure number on first page: 20

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A (English) 200544   1157
     SPEC A   (English) 200544   22481
Total word count - document A   23638
Total word count - document B   0
Total word count - documents A + B   23638

  7/3/2   (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2008 European Patent Office. All rts. reserv.

01957256
Automated banking machine which dispenses, receives and stores notes and
     other financial instrument sheets
Geldautomat, der Banknoten und andere Finanzinstrumentblätter ausgibt,
     annimmt und speichert
Guichet bancaire automatise pour la distribution, la reception et le
     stockage de billets et d'autres instruments financiers
PATENT ASSIGNEE:
   DIEBOLD, INCORPORATED, (379921), 5995 Mayfair Road, North Canton, OH
     44720, (US), (Applicant designated States: all)
INVENTOR:
   Utz, Zachary, 8194 Overwood Avenue, North Canton, OH 44720, (US)
   Schoeffler, Daniel, 2148 Demi Drive, Twinsburg, OH 44087, (US)
   Griggy, Shawn, 2585 Mt. Pleasant NW, North Canton, OH 44720, (US)
   Ramachandran, Nat , 2424 Lyndon Drive, Uniontown, OH 44685, (US)
   Graef, Thomas H., Box 287, Bolivar, OH 44612, (US)
   Nevejans, Patrick, De Bergeyckdreef 10, 09120 Beveren, (BE)
   Klessens, Gert, Parkstraat 39, 3070 Korenbeek, (BE)
LEGAL REPRESENTATIVE:
   Meldrum, David James et al (127431), D Young & Co 120 Holborn, London
     EC1N 2DY, (GB)
PATENT (CC, No, Kind, Date): EP 1577855 A2 050921 (Basic)
                              EP 1577855 A3 051019
APPLICATION (CC, No, Date):   EP 2005013414 031017;
PRIORITY (CC, No, Date): US 419681 P 021018; US 435153 P 021219
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
   HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
RELATED PATENT NUMBER(S) - PN (AN):
   EP 1559046 (EP 2003779132)
INTERNATIONAL PATENT CLASS (V7): G07F-019/00; G07D-011/00
ABSTRACT WORD COUNT: 129
NOTE:
   Figure number on first page: 20

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
     CLAIMS A (English) 200538   3684
     SPEC A   (English) 200538   19947
Total word count - document A   23631
Total word count - document B   0
Total word count - documents A + B   23631

  7/3/3   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

01462690   **Image available**
ATM WITH STACK TRANSPORTER FOR BULK NOTE DEPOSIT
GAB AVEC TRANSPORTEUR DE PILES POUR DEPOT DE BILLETS DE BANQUE EN VRAC
Patent Applicant/Assignee:

DIEBOLD INCORPORATED, 5995 Mayfair Road, North Canton, Ohio 44720, US, US
   (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
   GRAEF Thomas H, Box 287, Bolivar, Ohio 44612, US, US (Residence), US
      (Nationality),
   RAMACHANDRAN Natarajan , 2424 Lyndon Drive, Uniontown, Ohio 44685, US,
      US (Residence), US (Nationality),
   TULA Pedro, 1118 Lindylane Ave SW, North Canton, Ohio 44720, US, US
      (Residence), US (Nationality),
Legal Representative:
   JOCKE Ralph E (agent), 231 South Broadway, Medina, Ohio 44256, US
Patent and Priority Information (Country, Number, Date):
   Patent: WO 200705777 A2-A3 20070111 (WO 0705777)
   Application: WO 2006US25886 20060629 (PCT/WO US2006025886)
   Priority Application: US 2005695990 20050701
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
   AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
   DZ EC EE EG ES FI GB GD GE GH GM HN HR HU ID IL IN IS JP KE KG KM KN KP
   KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ
   OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG
   US UZ VC VN ZA ZM ZW
   (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU LV MC NL
   PL PT RO SE SI SK TR
   (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
   (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
   (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 23777

7/3/4   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

01233529   **Image available**
CASH DISPENSING AUTOMATED BANKING MACHINE WITH NOTE UNSTACKING AND
   VALIDATION
GUICHET AUTOMATIQUE BANCAIRE COMPORTANT DES FONCTIONS DE DESEMPILEMENT ET
   DE VALIDATION DE BILLETS
Patent Applicant/Assignee:
   DIEBOLD INCORPORATED, 5995 MAYFAIR ROAD, NORTH CANTON, OH 44720, US, US
      (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
   GRAEF Thomas H, P.O. BOX 287, BOLIVAR, Ohio 44612, US, US (Residence),
      US (Nationality), (Designated only for: US)
   UTZ Zachary, 8194 OVERWOOD AVENUE, NORTH CANTON, Ohio 44720, US, US
      (Residence), US (Nationality), (Designated only for: US)
   SCHOEFFLER Daniel P, 2148 DEMI DRIVE, TWINSBURG, Ohio 44087, US, US
      (Residence), US (Nationality), (Designated only for: US)
   GRIGGY Shawn, 2585 MT. PLEASANT NW, NORTH CANTON, Ohio 44720, US, US
      (Residence), US (Nationality), (Designated only for: US)
   RAMACHANDRAN Natarajan , 2424 LYNDON DRIVE, UNIONTOWN, Ohio 44685, US,
      US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
   JOCKE Ralph E (agent), 231 South Broadway, MEDINA, OH 44256, US
Patent and Priority Information (Country, Number, Date):
   Patent: WO 200541135 A1 20050506 (WO 0541135)
   Application: WO 2004US12271 20040419 (PCT/WO US04012271)
   Priority Application: US 2003688670 20031017; US 2003688725 20031017; US
      2004535359 20040109; US 2004535366 20040109
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
   AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
   DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
   LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO

RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext word Count: 24536

7/3/5   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(C) 2008 WIPO/Thomson. All rts. reserv.

01194001   **Image available**
AUTOMATED BANKING MACHINE WITH IMPROVED RESISTANCE TO FRAUD
GUICHET AUTOMATIQUE BANCAIRE PRESENTANT UNE RESISTANCE AMELIOREE A LA
    FRAUDE
Patent Applicant/Assignee:
    DIEBOLD INCORPORATED, 5995 MAYFAIR ROAD, North Canton, OH 44720, US, US
    (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
    RAMACHANDRAN Natarajan , 2424 LYNDON DRIVE, Uniontwon, OH 44685, US, US
    (Residence), US (Nationality), (Designated only for: US)
    ENRIGHT Jeffery M ., 4496 Rex Lake Drive, Akron, OH 44319, US, US
    (Residence), US (Nationality), (Designated only for: US)
    BLACKSON Dale , 5056 Paddington Down Street, Medina, OH 44718, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
    JOCKE Ralph E (agent), 231 South Broadway, Medina, OH 44256, US,
Patent and Priority Information (Country, Number, Date):
    Patent: WO 200501598 A2-A3 20050106 (WO 0501598)
    Application: WO 2004US14477 20040507 (PCT/WO US04014477)
    Priority Application: US 2003601813 20030623; US 2004560674 20040407
Designated States:
(All protection types apply unless otherwise stated - for applications
2004+)
    AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
    DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
    LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
    RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
    (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
    SE SI SK TR
    (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
    (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
    (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext word Count: 14035

7/3/6   (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(C) 2008 WIPO/Thomson. All rts. reserv.

01159834   **Image available**
CASH DISPENSING AUTOMATED BANKING MACHINE WITH IMPROVED CARD RETENTION
    CAPABILITIES AND METHOD
GUICHET AUTOMATIQUE BANCAIRE DISTRIBUTEUR DE BILLETS DE BANQUE A CAPACITES
    AMELIOREES DE RETENTION DE CARTES ET PROCEDE
Patent Applicant/Assignee:
    DIEBOLD INCORPORATED, 5995 Mayfair Road, North Canton, OH 44720, US, US
    (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
    SCARAFILE Piero, Via Goito, 16, Settimo Torinese, I-10036 Torino, IT, IT
    (Residence), IT (Nationality), (Designated only for: US)
    GHIRINGHELLI Piero, Via Pasquere 11/2, I-10010 Colleretto Giacosa (TO),
    IT, IT (Residence), IT (Nationality), (Designated only for: US)

CERIONI Giorgio, Via Circonvallazione 76/1, Pavone Canavese, I-10018
TORINO, IT, IT (Residence), IT (Nationality), (Designated only for: US)
FERRARO Francesco, Strada Per Magnano, 21, I-10010 Piverone, IT, IT
(Residence), IT (Nationality), (Designated only for: US)
RAMACHANDRAN Natarajan , 2424 Lyndon Drive, Uniontown, OH 44685, US, US
(Residence), US (Nationality), (Designated only for: US)
MAGEE Paul D, 113 North Main Street, Apt. 147, North Canton, OH 44720, US
, US (Residence), US (Nationality), (Designated only for: US)
BARKER Dave, 1215 Portage Street, N.W., North Canton, OH 44720, US, US
(Residence), US (Nationality), (Designated only for: US)
TUROCY Kenneth, 461 Woodcrest Drive, Wadsworth, OH 44281, US, US
(Residence), US (Nationality), (Designated only for: US)
BOOTH Jim, 13223 Egress Road, Kimbolton, OH 43749, US, US (Residence), US
(Nationality), (Designated only for: US)
UTZ Zachary, 8194 Overwood Avenue, North Canton, OH 44720, US, US
(Residence), US (Nationality), (Designated only for: US)
Legal Representative:
JOCKE Ralph E (agent), 231 South Broadway, Medina, OH 44256, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 2004B1740 A2 20040923 (WO 0481740)
Application: WO 2004US7203 20040309 (PCT/WO US04007203)
Priority Application: US 2003453365 20030310
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 23200

7/3/7   (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(C) 2008 WIPO/Thomson. All rts. reserv.

01137334   **Image available**
CASH DISPENSING AUTOMATED BANKING MACHINE WITH USER INTERFACE ILLUMINATION
DEVICES
GUICHET   AUTOMATIQUE   BANCAIRE   PRESENTANT DES DISPOSITIFS D'ECLAIRAGE
D'INTERFACE UTILISATEUR
Patent Applicant/Assignee:
DIEBOLD INCORPORATED, 5995 MAYFAIR ROAD, NORTH CANTON, OH 44720, US, US
(Residence), US (Nationality)
Inventor(s):
UTZ Zachary, 8194 OVERWOOD AVENUE, NORTH CANTON, OH 44720, US,
TUROCY Kenneth, 461 WOODCREST DRIVE, WADSWORTH, OH 44281, US,
BOOTH Jim, 13223 EGRESS ROAD, KIMBOLTON, OH 43749, US,
RAMACHANDRAN Natarajan , 2424 LYNDON DRIVE, UNIONTOWN, OH 44685, US,
(Residence), US (Nationality)
Legal Representative:
JOCKE Ralph (agent), 231 SOUTH BROADWAY, MEDINA, OH 44256, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200459552 A1 20040715 (WO 0459552)
Application: WO 2003US40187 20031217 (PCT/WO US03040187)
Priority Application: US 2002433989 20021219
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU
SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Publication Language: English
Filing Language: English
Fulltext Word Count: 21756

7/3/8   (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01114546   **Image available**
AUTOMATED BANKING MACHINE
GUICHET BANCAIRE AUTOMATISE POUR LA DISTRIBUTION, LA RECEPTION ET LE
    STOCKAGE DE BILLETS ET D'AUTRES INSTRUMENTS FINANCIERS
Patent Applicant/Assignee:
    DIEBOLD INCORPORATED, 5995 MAYFAIR ROAD, NORTH CANTON, OH 44720, US, US
        (Residence), US (Nationality)
Inventor(s):
    UTZ Zachary, 8194 OVERWOOD AVENUE, NORTH CANTON, OH 44720, US,
    SCHOEFFLER Daniel, 2148 DEMI DRIVE, TWINSBURG, OH 44087, US,
    GRIGGY Shawn, 2585 MT. PLEASANT NW, NORTH CANTON, OH 44720, US,
    RAMACHANDRAN Nat , 2424 LYNDON DRIVE, UNIONTOWN, OH 44685, US,
    GRAEF H Thomas, BOX 287, BOLIVAR, OH 44612, US,
    NEVEJANS Patrick, DE BERGEYCKDREEF 10, B-09120 BEVEREN, BE,
    KLESSENS Gert, PARKSTRAAT 39, B-3070 KORTENBERG, BE,
Legal Representative:
    JOCKE Ralph E (agent), 231 SOUTH BROADWAY, MEDINA, OH 44256, US,
Patent and Priority Information (Country, Number, Date):
    Patent: WO 200436386 A2-A3 20040429 (WO 0436386)
    Application: WO 2003US33118 20031017 (PCT/WO US03033118)
    Priority Application: US 2002419681 20021018; US 2002435153 20021219
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
    AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
    EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
    LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC
    SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
    (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
    SI SK TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 24618

7/3/9   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0017454144 - Drawing available
WPI ACC NO: 2008-C74581/200820
Related WPI Acc No: 2003-687319; 2004-551784; 2004-579744; 2004-579745;
    2004-667494; 2004-667495; 2004-667496; 2004-746787; 2005-283713;
    2007-008033; 2007-032332; 2007-148350; 2007-521668; 2007-649499;
    2007-715949; 2008-C17778
XRPX Acc No: N2008-216491
Cash dispensing automated banking machine i.e. drive up automated teller
machine, operating method, involves taking action in response to comparison
of data through operation of control circuitry
Patent Assignee: DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD (DIEB-N)
Inventor: BLACKSON D H ; ENRIGHT J M ; JENKINS R; RAMACHANDRAN N
Patent Family (1 patents, 1 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20080048020	A1	20080228	US 2002429478	P	20021126	200820 B
			US 2003601813	A	20030623	
			US 2004560674	P	20040407	
			US 2004832960	A	20040427	

```
                         US 2006454257    A  20060616
                         US 2006853098    P  20061020
                         US 2007975375    A  20071019

Priority Applications (no., kind, date): US 2002429478  P  20021126; US
 2003601813  A  20030623; US 2004560674  P  20040407; US 2004832960  A
 20040427; US 2006454257  A  20060616; US 2006853098  P  20061020; US
 2007975375  A  20071019

Patent Details
Number           Kind  Lan  Pg  Dwg  Filing Notes
US 20080048020   A1    EN   35   22  Related to Provisional  US 2002429478
                                     C-I-P of application  US 2003601813
                                     Related to Provisional  US 2004560674
                                     Continuation of application  US
  2004832960
                                     C-I-P of application  US 2006454257
                                     Related to Provisional  US 2006853098
                                     Continuation of patent  US 7118031
                                     C-I-P of patent  US 7240827
                                     C-I-P of patent  US 7316348


 7/3/10    (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2008 The Thomson Corporation. All rts. reserv.

0017348378  - Drawing available
WPI ACC NO: 2008-B68817/200812
Related WPI Acc No: 2004-551786; 2004-832242; 2008-G50544
XRPX Acc No: N2008-133540
Automated banking machine i.e., automated teller machine operating method
for receiving and dispensing e.g. check, involves operating one LED of
multicolor light emitting device to output green color during cash
accepting transaction
Patent Assignee: DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD   (DIEB-N)
Inventor: BOOTH J;  RAMACHANDRAN N ;  TUROCY K; UTZ Z
Patent Family (2 patents,  1 countries)
Patent                          Application
Number        Kind  Date        Number         Kind   Date      Update
US 7318549    B2    20080115    US 2002434989  P   20021219   200812  B
                                US 2003738462  A   20031217
                                US 2006504301  A   20060814
US 20060273159  A1  20061207    US 2002434989  P   20021219   200812  E
                                US 2003738462  A   20031217
                                US 2006504301  A   20060814

Priority Applications (no., kind, date): US 2002434989  P  20021219; US
 2003738462  A  20031217; US 2006504301  A  20060814

Patent Details
Number         Kind  Lan  Pg  Dwg  Filing Notes
US 7318549     B2    EN   42   27  Related to Provisional  US 2002434989
                                   Division of application  US 2003738462

                                   Division of patent  US 7131576
US 20060273159   A1  EN             Related to Provisional  US 2002434989
                                   Division of application  US 2003738462


 7/3/11    (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0014650223  - Drawing available
WPI ACC NO: 2004-832242/200482
Related WPI Acc No: 2004-551786; 2008-B68817; 2008-G50544
XRPX Acc No: N2004-657634
An inconsistency exists between the front page and disclosure of this
```

specification, therefore we have included information based on the front
page. The patent office has been notified
Patent Assignee: DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD INC DIEBOLD INC (DIEB-N);
  DIEBOLD SELF-SERVICE SYSTEMS DIV DIEBOLD (DIEB-N)
Inventor: BOOTH J; RAMACHANDRAN N ; TUROCY N; UTZ Z
Patent Family (2 patents, 1 countries)

Patent Number	Kind	Lan	Application Number	Kind	Date	Update	
US 20040226991	A1	20041118	US 2002434989	P	20021219	200482	B
			US 2003738462	A	20031217		
US 7131576	B2	20061107	US 2003738462	A	20031217	200673	E

Priority Applications (no., kind, date): US 2002434989 P 20021219; US
  2003738462 A 20031217

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040226991	A1	EN	42	27	Related to Provisional US 2002434989

~~ Non-Patent Literature: Inventor search

File 2:INSPEC 1898-2008/Jun W2
        (c) 2008 Institution of Electrical Engineers
File 9:Business & Industry(R) Jul/1994-2008/Jul 07
        (c) 2008 The Gale Group
File 15:ABI/Inform(R) 1971-2008/Jul 09
        (c) 2008 ProQuest Info&Learning
File 610:Business wire 1999-2008/Jul 09
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File 810:Business wire 1986-1999/Feb 28
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        (c) 1999 PR Newswire Association Inc
File 625:American Banker Publications 1981-2008/Jun 25
        (c) 2008 American Banker
File 268:Banking Info Source 1981-2008/Jun w4
        (c) 2008 ProQuest Info&Learning
File 626:Bond Buyer Full Text 1981-2008/Jun 27
        (c) 2008 Bond Buyer
File 267:Finance & Banking Newsletters 2008/Jul 07
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File 16:Gale Group PROMT(R) 1990-2008/Jul 01
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File 148:Gale Group Trade & Industry DB 1976-2008/Jun 19
        (c)2008 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
        (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2008/Jul 01
        (c) 2008 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2008/Jun 18
        (c) 2008 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2008/Jul 01
        (c) 2008 The Gale Group
File 20:Dialog Global Reporter 1997-2008/Jul 09
        (c) 2008 Dialog
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File 99:Wilson Appl. Sci & Tech Abs 1983-2008/Apr
        (c) 2008 The HW Wilson Co.

File 474:New York Times Abs 1969-2008/Jul 09
         (C) 2008 The New York Times
File 475:Wall Street Journal Abs 1973-2008/Jul 09
         (C) 2008 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (C) 2002 The Gale Group
File 139:EconLit 1969-2008/Jun
         (C) 2008 American Economic Association
File 256:TecInfoSource 82-2008/Oct
         (C) 2008 Info.Sources Inc

Set   Items   Description
S1   102   AU=(ENRIGHT, J? OR ENRIGHT J? OR ENRIGHT(2N)J?) OR BY=ENRI-
                 GHT(2N)J?
S2   3012   AU=(MASON, T? OR MASON T? OR MASON(2N)T?) OR BY=MASON(2N)T?
S3   4908   AU=(STEWART, D? OR STEWART D? OR STEWART(2N)D?) OR BY=STEW-
                 ART(2N)D?
S4   412   AU=(RAMACHANDRAN, N? OR RAMACHANDRAN N? OR RAMACHANDRAN(2N-
)N?) OR BY=RAMACHANDRAN(2N)N?
S5   0   AU=(BLACKSON, D? OR BLACKSON D? OR BLACKSON(2N)D?) OR BY=B-
                 LACKSON(2N)D?
S6   8433   S1 OR S2 OR S3 OR S4
S7   2   S6 AND (CATM OR ATMS OR (AUTOMAT?? OR ELECTRONIC)()(TELLER?
                 ? OR BANK???) OR (CURRENCY OR CASH OR MONEY)()(DISPENS??? OR
                 MACHINE? ??)(12N)(SENS??? OR DETECI??? OR RADIAT??? OR EMIT? ?
                 OR EMITT??? OR INFRARED OR SONAR))
S8   0   S7 NOT PY>1998

~~ Non-Patent Literature: Full Text
   Dialog files:
9,15,16,20,148,160,267,268,275,610,613,621,624,625,626,634,636,810,813

File   9:Business & Industry(R) Jul/1994-2008/Jul 07
         (C) 2008   The Gale Group
File   15:ABI/Inform(R) 1971-2008/Jul 09
         (C) 2008 ProQuest Info&Learning
File   16:Gale Group PROMT(R) 1990-2008/Jul 01
         (C) 2008 The Gale Group
File   20:Dialog Global Reporter 1997-2008/Jul 09
         (C) 2008 Dialog
File 148:Gale Group Trade & Industry DB 1976-2008/Jun 19
         (C)2008 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (C) 1999 The Gale Group
File 267:Finance & Banking Newsletters 2008/Jul 07
         (C) 2008 Dialog
File 268:Banking Info Source 1981-2008/Jun w4
         (C) 2008 ProQuest Info&Learning
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         (C) 2008 Business Wire.
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         (C) 2008 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2008/Jun 18
         (C) 2008 The Gale Group
File 624:McGraw-Hill Publications 1985-2008/Jul 08
         (C) 2008 McGraw-Hill Co. Inc
File 625:American Banker Publications 1981-2008/Jun 25
         (C) 2008 American Banker
File 626:Bond Buyer Full Text 1981-2008/Jun 27
         (C) 2008 Bond Buyer
File 634:San Jose Mercury Jun 1985-2008/Jun 29
         (C) 2008 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2008/Jul 01
         (C) 2008 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (C) 1999 Business Wire

Set	Items	Description
S1	850631	ATM OR ATMS OR (AUTOMAT?? OR ELECTRONIC)()(TELLER? ? OR BA-NK???)? OR BANK()MACHINE? ? OR (CURRENCY OR CASH OR MONEY)()(D-ISPENS??? OR MACHINE? ?) OR TELLER()TERMINAL? ? OR CARD()(REA-DER? ? OR READING)
S2	227051	SENSE OR SENSED OR SENSES OR SENSING OR SENSOR OR DETECT??? OR PERCEIV??? OR RECOGNI? OR DISTINGUISH??? OR TRACK??? OR R-ADIAT??? OR EMIT? ? OR EMITT??? OR INFRARED OR SONAR
S3	664964	USER OR USERS OR BODY OR BODIES OR PERSON OR PERSONS OR CU-STOMER? ? OR SUBSCRIBER? ? OR CLIENT? ? OR PATRON? ? OR ENROL-LEE? ? OR PARTICIPANT? ? OR MEMBER? ? OR INDIVIDUAL? ? OR USE-R()INTERFACE
S4	129399	IMAGE OR IMAGES OR IMAGING OR PICTURE? ? OR PHOTO? ? OR PH-OTOGRAPH??? OR SNAPSHOT? ? OR PORTRAIT? ? OR PIX OR GFX OR GR-AFX
S5	215835	DETERMIN??? OR COMPARATOR? ? OR CALCULAT??? OR FIGURE? ? OR FIGURING OR COMPARE? ? OR COMPARING OR COMPARISON OR COMPARB-L?? OR COMPARATIVE??? OR APPRAIS??? OR ASSESS??? OR ASSESSMENT
S6	771999	FIRST OR ONE OR 1ST OR SECOND OR 2ND OR PRIME OR PR-IMARY OR SECONDARY OR DIFFERENT OR EACH OR NEXT OR OTHER OR A-NOTHER OR SEPARATE OR PLURAL??? OR MULTIPLE? ? OR MULTI OR SE-VERAL OR NUMEROUS
S7	40599	S2(8N)S3
S8	2745	S4(12N)S5(12N)S6
S9	34	S1(S)S7(S)S8
S10	8	S9 NOT PY>1998
S11	5	RD (unique items)

∧ 11/3,K/1   (Item 1 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2008 The Gale Group. All rts. reserv.

01574948 Supplier Number: 24274463   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Keeping Fraud Outside The Gate
(The financial services sector in 1997 spent $493 mil worldwide on fraud
detection technology; parts of the body are being examined)
Collections & Credit Risk, v 3, n 6, p 77+
June 1998
DOCUMENT TYPE: Journal; Industry Overview ISSN: 1093-1260 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2566

    (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...Payroll Corp., the Ft. Worth, Texas-based provider of convenience store
automated check-cashing and ATM services. Customers using Mr. Payroll
machines enter a social security number. Two cameras capture a stereo
view of the person's face, a process adopted to defeat any attempt to
simply hold a photograph up in front of the lens. The live image is
then compared to a previously recorded picture in the database. The
system has a variable degree of sensitivity which adjusts to customers...

 11/3,K/2   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2008 ProQuest Info&Learning. All rts. reserv.

01189667 98-39062
How banks can harness the power of branding
Bergstrom, Alan J; Bresnahan, John M
US Banker v106n3 pp: 81-82 Mar 1996
ISSN: 0148-8848 JRNL CODE: USI
WORD COUNT: 1333

...ABSTRACT: and mortar of branches that have been banks' primary identity disappear and are replaced with electronic banking, industry leaders are trying to understand the importance of a brand and how to harness...

...develop and implement a strategy to make it happen. This requires 3 important steps. The first is to **assess** what the brand stands for from a consumer perspective. This "brand audit" explores the brand's heritage or origins to define the brand's **image** or personality as customers perceive it today. The next step is to **determine** the ideal positioning for the brand that reflects what the brand stands for, what position...

11/3,K/3   (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 The Gale Group. All rts. reserv.

05970630   Supplier Number: 53260935   (USE FORMAT 7 FOR FULLTEXT)
LG Video Captures Iris Image.(biometric technology)(Industry Trend or Event)
Electronic News (1991), p51(1)
Nov 23, 1998
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 601

...   to breach system security. NEC is targeting its Touchpass finger imaging scanner at cars, homes, ATMs , point-of-sale terminals, cell phones--wherever passwords and security devices and Pin numbers are...

11/3,K/4   (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2008 The Gale Group. All rts. reserv.

05208202   Supplier Number: 47944553   (USE FORMAT 7 FOR FULLTEXT)
A Potpourri of Imaging Applications
Lasers & Optronics, p22
Sept, 1997
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Refereed; Academic Trade
Word Count: 734

...   Identification Technologies International has developed a means of accessing this market.
    An image of a person 's face is recorded and processed to **detect** certain facial features. The features list is compressed, typically to 90 to 100 bytes of...

...be used to cash checks, unlock doors, and prove identity. When it is used, a card reader extracts the facial features list while the card holder's face is photographed through a nearby one -way glass. The new image data is compared to the stored features list; if they match, permission is granted. The match accuracy can...

^ 11/3,K/5   (Item 1 from file: 267)
DIALOG(R)File 267:Finance & Banking Newsletters
(c) 2008 Dialog. All rts. reserv.

00001270
 IMAGE-REJECT APPLICATIONS FINDING A NICHE
 ITEM PROCESSING REPORT
 July 4, 1996   VOL: 7 ISSUE: 13 DOCUMENT TYPE: NEWSLETTER
 PUBLISHER: PHILLIPS BUSINESS INFORMATION
 LANGUAGE: ENGLISH   WORD COUNT: 1172   RECORD TYPE: FULLTEXT

TEXT:
...time equivalents (FTEs) and appear
technologically-savvy.
    Especially hot are image-systems for reject-reentry, automated
teller machine (ATM) deposit balancing and returned items processing.
    The downside: Many banks need to run multiple, niche...

...Tampa, Fla., anticipates half of its annual revenues eventually will
come from sales of its ATM balancing module, says Terry Stapleton,
president of the company. The vendor also markets check and...

...production with
the system in 1995. The bank also is phasing in the vendor's ATM
deposit balancing module.
    Mellon Bank, of Pittsburgh, also purchased an image-reject
system from Software...

...IPR, Jan. 18). The bank will add the system to its
Pittsburgh site.

PNC Buys ATM Balancing Module From TWS

    Similarly, PNC Bank Corp., based in Pittsburgh, purchased a
Windows NT-based, image- ATM deposit balancing application from TWS
Systems, IPR learned.
    The bank's system, which will be...

...can create electronic
journal listings; set special endorsements or specify which items
should be endorsed; separate rejects during the first pass on the
7780; track   user identification codes; and determine where images
will
be stored on the network during reject processing.
    Jones noted that users also can increase image lift track speed
by up to 27 percent with a component that automatically disables the
encoder. Additional upgrades capture multiple entries without
stopping the transport; provide image data entry clerks automatic
access to the next...

~~ Non-Patent Literature: Non-Full Text
   Dialog files: 2,35,65,99,139,256,474,475,583

File 2:INSPEC 1898-2008/Jun W2
        (c) 2008 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2008/Nov
        (c) 2008 ProQuest Info&Learning
File 65:Inside Conferences 1993-2008/Jul 09
        (c) 2008 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2008/Apr
        (c) 2008 The HW Wilson Co.
File 139:EconLit 1969-2008/Jun
        (c) 2008 American Economic Association
File 256:TecInfoSource 82-2008/Oct
        (c) 2008 Info.Sources Inc
File 474:New York Times Abs 1969-2008/Jul 09
        (c) 2008 The New York Times
File 475:Wall Street Journal Abs 1973-2008/Jul 09
        (c) 2008 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 The Gale Group

Set   Items   Description
S1   65203   ATM OR ATMS OR (AUTOMAT?? OR ELECTRONIC)()(TELLER? ? OR BA-
               NK???) OR BANK()MACHINE? ? OR (CURRENCY OR CASH OR MONEY)()(D-
               ISPENS??? OR MACHINE? ?) OR TELLER()TERMINAL? ? OR CARD()(REA-
               DER? ? OR READING)
S2   6426   SENSE OR SENSED OR SENSES OR SENSING OR SENSOR OR DETECT???
               OR PERCEIV??? OR RECOGNI??? OR DISTINGUISH??? OR TRACK??? OR R-

```
              ADIAT???? OR EMIT? ? OR EMITT??? OR INFRARED OR SONAR
S3        12034    USER OR USERS OR BODY OR BODIES OR PERSON OR PERSONS OR CU-
                   STOMER? ? OR SUBSCRIBER? ? OR CLIENT? ? OR PATRON? ? OR ENROL-
                   LEE? ? OR PARTICIPANT? ? OR MEMBER? ? OR INDIVIDUAL? ? OR USE-
                   R(?)INTERFACE
S4         2862    IMAGE OR IMAGES OR IMAGING OR PICTURE? ? OR PHOTO? ? OR PH-
                   OTOGRAPH??? OR SNAPSHOT? ? OR PORTRAIT? ? OR PIX OR GFX OR GR-
                   AFX
S5        13703    DETERMIN??? OR COMPARATOR??? OR CALCULAT??? OR FIGURE? ? OR
                   FIGURING OR COMPARE? ? OR COMPARING OR COMPARISON OR COMPARB-
                   L??? OR COMPARATIVE??? OR APPRAIS??? OR ASSESS??? OR ASSESSMENT
S6        33176    FIRST OR ONE OR 1ST OR SECOND OR TWO OR 2ND OR PRIME OR PR-
                   IMARY OR SECONDARY OR DIFFERENT OR EACH OR NEXT OR OTHER OR A-
                   NOTHER OR SEPARATE OR PLURAL??? OR MULTIPLE? ? OR MULTI OR SE-
                   VERAL OR NUMEROUS
S7          799    S2(S)S3
S8          355    S4(S)S5(S)S6
S9           13    S1 AND S7 AND S8
S10           9    S9 NOT PY>1998
S11           9    RD (unique items)

 11/3,K/1      (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC
```

```
06478895   INSPEC  Abstract  Number:   A9704-8732S-016,  B9702-6210R-043,
C9702-5620-032
```

  Title: New network and ATM adaptation layers for real-time multimedia
applications: A performance study based on psychophysics

  Author(s): Garcia Adanez, X.; Verscheure, O.; Hubaux, J.-P.
  Author Affiliation: TCOM Lab., Swiss Federal Inst. of Technol., Lausanne,
Switzerland

  Title: New network and ATM adaptation layers for real-time multimedia
applications: A performance study based on psychophysics
  Abstract: ATM technology is reaching a certain level of maturity that
allows for its deployment in local...

...wide area networks. However, the cell and frame loss ratios might not be
negligible in   ATM -based environments especially if the operators employ
statistical multiplexing to efficiently use network resources. We present
network and ATM adaptation layers for real-time multimedia applications.
These layers provide a robust transmission by applying...

...combined with a selective forward error correction (FEC) mechanism based
on burst erasure codes. We compare their performance against a
transmission over AAL5 by simulating the transport of an MPEG-2 sequence
over an ATM network. Performance is measured in terms of cell loss ratio
(CLR) and user - perceived quality. The proposed layers achieve an
improvement on the cell loss figures obtained for AAL5 of about one
order of magnitude under the same traffic conditions. To evaluate the
impact of cell losses...

... sequences. From a perceptual point of view, the proposed AAL achieves a
graceful quality degradation compared to AAL5 which shows a critical CLR
value beyond which quality drops very fast. The application of a selective
FEC achieves an even smoother image quality degradation with a small

overhead.
  Identifiers: ATM adaptation layer...

... ATM network...

... user - perceived quality

  11/3,K/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC

  Abstract: The Advanced Photon Source (APS) currently under construction
at Argonne National Laboratory will be one of the world's brightest
synchrotron radiation (SR) facilities. The storage ring, capable of
storing currents up to 300 mA at 7...
... GeV, or 200 mA at 7.5 GeV, will produce very intense and energetic
synchrotron radiation (E/sub c/=24 keV for bending magnets, and E/sub
c/=37.4 keV for wigglers, where E/sub c/ is the critical energy). The
synchrotron radiation beam lines, consisting of experimental enclosures
and transport lines, will have to be shielded against synchrotron
radiation and gas bremsstrahlung scattered from beam line components. For
insertion devices placed in the straight sections (lengths≤15 m), the gas
bremsstrahlung produced by the interaction of the primary stored beam
with residual gas molecules or ions in the storage ring vacuum chamber
dominates...

... forward-directed gas bremsstrahlung is characterized, and the
effectiveness of the tungsten beam stop is assessed. The Monte Carlo code
FLUKA was used to determine the dose equivalent rates from gas
bremsstrahlung in a cylindrical tissue phantom with and without...

...were performed using an air target of length 15 m at a pressure of 1
atm and 1/10 atm (1 atm =101.325 kPa=760 torr) both with and without
suppressing positron multiple scattering (M.S.) and Bhabha and Moller
scattering in the air target. At a given pressure the dose equivalent rates
are higher without positron multiple scattering in the air target than
with multiple scattering. For simulations at P/sub s/=1 atm , the
minimization of Bhabha/Moller scattering is important for areas with
scoring radii less than...

...5 cm/sup 2/ (radius=0.4 cm) it is 0.57 Sv/h. Scoring photon fluence
and converting it to dose equivalent using Rogers' fluence-to-dose
equivalent conversion factors...

... simple expression has been derived for the upper limit to the dose
equivalent that an individual can receive due to loss of vacuum in the
straight section.

  11/3,K/3   (Item 3 from file: 2)
DIALOG(R)File   2:INSPEC

03315721   INSPEC Abstract Number: A84099809
  Title: Optoacoustic detection of photodissociation and termolecular
recombination in Cl/sub 2/
  Author(s): O'Connor, M.T.; Diebold, G.J.
  Author Affiliation: Dept. of Chem., Brown Univ., Providence, RI, USA
  Journal: Journal of Chemical Physics   vol.81, no.2   p.812-19
  Publication Date: 15 July 1984   Country of Publication: USA
  CODEN: JCPSA6   ISSN: 0021-9606
  U.S. Copyright Clearance Center Code: 0021-9606/84/140812-08$02.10
  Language: English
  Subfile: A

  Abstract: In a spectrophone cell at pressures on the order 1 atm ,
photodissociation of a homonuclear diatomic molecule gives two radicals
which ultimately recombine in a three- body process to release an amount
of heat equal to the energy of the incident photon . If the radiation
producing the photodissociation is amplitude modulated, a periodic heating
of the gas takes place than...

... signal to be dependent on the intensity as well as modulation frequency
of the incident radiation . Additional phase shifts are caused by heat
release from thermalization of the recoil energy of the nascent
photofragments and an increase in mole number immediately following
photofragmentation. To test the calculated amplitude and phase
dependences of the optoacoustic effect produced by photodissociation,
experiments with Cl/sub 2/ irradiated at a wavelength of 488 nm were done
in a nonresonant spectrophone cell. Several effects depending on
modulation frequency and radiation0 intensity were found that are
characteristic of the mechanism of energy release in the system...

  11/3,K/4   (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC
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0000763465   INSPEC Abstract Number: 1966A11172
  Title: Quantitative line absorption spectrophotometry: absorbance of the
OH radical near 3090 A
  Author(s): Bird, P.F.; Schott, G.L.
  Journal: Journal of Quantitative Spectroscopy and Radiative Transfer   5
6   p.783-811
  Publication Date: Nov. 1965 - Dec. 1965   Country of Publication: UK
  DOI: 10.1016/0022-4073(65)90021-X
  Language: English
  Subfile: A
  Copyright 2004, IEE

  Abstract: A pulsed discharge source of OH line radiation near 3090 A is
used for quantitative determination of transient OH populations in shocked
gases...

... a specific group of lines. The spectral intensity distribution of this
line source has been determined quantitatively from photographic
spectrograms, and is expressed in terms of the line shapes, their relative
intensities, and the...
... incident spectrum, in terms of the optical density, the absorber
temperature, the band oscillator strength, individual line strengths, and
a pressure broadening parameter. Finally, measurements of absorption by
equilibrium OH populations...

...waves at temperatures near 2800(deg)K and pressures near 4.4 and 17.5
 atm   in H SUB 2 -O SUB 2 mixtures highly diluted with argon are reported
and...

... results demonstrate a pressure broadening effect, and corroborate the
value of the band oscillator strength determined independently by others.
A basis is thus established for a heretofore empirical calibration and for
extending it to other regimes of temperature and pressure.

11/3,K/5   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC

Abstract: The 90(deg) photodisintegration cross-sections for He SUP 3
were measured for incident photon energies between 8.5 and 21.5 MeV by
detecting   proton-deuteron coincidences in CsI:Tl scintillators immersed
in 1 atm of gas. The source of X-rays was the bremsstrahlung beam of the
University of...

...The simultaneous output pulses from the coincidences were displayed on a
dual-beam oscilloscope and photographed . The particle energies were
determined   by pulse-height measurement, and electrons were rejected by
pulse-shape analysis. The peak cross...
...to a charge radius of 2.1 F). The He SUP 3 charge form factor
calculated   with this wave function agrees very well with the electron
scattering measurements of Collard and...

... SUP 2 = 5 F SUP -2 . Also, some information was acquired about the
competing   three- body photodisintegration process by detecting
proton-proton coincidences in the cases where the angle between the two
outgoing protons was near either 90 or 180(deg).

11/3,K/6   (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

     ...in a wide range of application domains such as national ID card,
electronic commerce, and automated banking . Biometrics, which refers to
automatic identification of a person based on her physiological or
behavioral characteristics, is inherently more reliable and more capable in
differentiating between an authorized person and a fraudulent imposter
than traditional methods such as passwords and PIN numbers. Automatic
fingerprint identification is one of the most reliable biometric
technology. In this thesis, our objective is to design a...

...identified and explored the following issues: (i) feature extraction
finding representative features from an input image for the purpose of
fingerprint matching, (ii) image enhancement--improving the clarity of
ridge structures of fingerprint images to facilitate automatic extraction
of features or for visual inspection, (iii) minutiae matching-- determining
whether two sets of features (minutiae patterns) are extracted from the
same finger, (iv) integration of multiple biometrics--improving the
performance of a biometric system by combining several biometrics (e.g.
fingerprint, face, speech, etc.), and (v) fingerprint
classification--assigning a fingerprint into one of several

pre-specified categories according to its pattern formation. We have
designed two prototype biometric systems: (i) a verification system which
uses only fingerprints to authenticate the identity claimed by a user,
and (ii) an integrated identification system which combines face
recognition and fingerprint verification to make a personal
identification. Our systems have been evaluated extensively on a large
number of fingerprint images captured with the traditional inked method
and more recent inkless optical scanners. Experimental results show...

11/3,K/7   (Item 2 from file: 35)

01469548 ORDER NO: AADAA-I0576615
A VBR RATE CONTROL ALGORITHM FOR VIDEO CODERS INCORPORATING PERCEPTUALLY
ADAPTIVE QUANTISATION AND TRAFFIC SHAPING (VARIABLE BIT-RATE, B-ISDN)
   Author: PICKERING, MARK RICHARD
   Degree: PH.D.
   Year: 1995
   Corporate Source/Institution: UNIVERSITY OF NEW SOUTH WALES (AUSTRALIA)
(0423)
   Source: VOLUME 56/11-B of DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 6306.

    ...which have been coded and transmitted over the B-ISDN will also be
reduced if ATM cells containing video information are lost or discarded.
The major cause of such cell loss...

...a set of statistical parameters called a traffic descriptor.
    In order to maintain a consistent perceived image quality, the
proposed rate control algorithm adjusts the quantiser step-size for each
macroblock in a frame of the image sequence in two ways. First, the
relative step-size for each individual macroblock is determined
according to the estimated level of quantisation distortion and the
distortion masking properties of the image region (perceptually adaptive
quantisation). Then these relative step-sizes are increased or decreased,
by an...

11/3,K/8   (Item 3 from file: 35)

01335443 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.
RELATIONSHIPS BETWEEN VEGETATION AND HYDROGEOMORPHIC CHARACTERISTICS OF
BRITISH RIVERINE ENVIRONMENTS: A REMOTELY SENSED PERSPECTIVE
   Author: HOOPER, IAN DAVID
   Degree: PH.D.
   Year: 1992
   Corporate Source/Institution: UNIVERSITY OF SOUTHAMPTON (UNITED KINGDOM)
(5036)
   Source: VOLUME 55/01-C of DISSERTATION ABSTRACTS INTERNATIONAL.
            PAGE 115.

    ...on the River Teme. Remotely sensed data included digital
multispectral airborne imagery (Daedalus AADS 1268 ATM) and panchromatic
aerial photographs for both sites, and also satellite imagery (SPOT-1) for
the...

...attributes which may be utilised as a basis for river management
strategies is also suggested.
    Two rationales are presented for the processing and interpretation
of the remotely sensed data. A visual strategy is proposed which involves
user interpretation of colour composite images . A colour composite has
been developed which maximises the hydrogeomorphic and vegetation
information presented. An alternative automated strategy is also proposed
involving the use of a supervised Bayesian classifier. Image
classification accuracy of 71% was achieved. Consideration of image

classification raised the issue of mixed pixels. Finally, the utility of remote sensing in the collection of vegetation and hydrogeomorphic data at four scales; individual surfaces, habitat, corridor and basin was suggested, along with a more general appraisal of its potential role in river management strategies. (Abstract shortened by UMI.)

11/3,K/9   (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

05112485
Blank cheque for the thinking chip
US - BLANK CHEQUE FOR THE THINKING CHIP
Financial Times (C) 1992 (FT)   4 June 1992 p20

Synaptics, a Silicon Valley pioneer in the field of neural network chips, has developed the first commercial application of its futuristic technology; an electronic 'retina' that can read the numbers printed on the bottom of cheques in order to verify that customers have enough money in their account to cover the transaction. Neural networks - computers that mimic...

... accuracy. They require a cheque to be passed carefully through the system at a pre- determined speed and angle by a motorised system. In contrast, the neural system can be used at the point of sale, enabling **customers** or sales clerks to swipe a cheque through the reader and still achieve accuracy of...

... same electronic vision tech-nology used in the cheque reader might also be used to **recognise** handwriting or thumbprints, or to **detect** counterfeit money. With these types of 'perceptive' chips, any type of pattern recognition , whether it be identifying documents or graphical images , can be implemented faster and more accurately than with conventional computers. Speech **recognition** , in which neural network chips mimic human hearing functions, and robotics, where the chips control...

... shorter term, VeriFone hopes to use the neural chip as the basis of a cash **recognition** system which can read bank notes. This will reduce mistakes at the point of sale and help to eliminate pilfering by keeping track of the amount of money that has changed hands. While pushing forward the frontiers of...

PRODUCT: Electronic   Banking   Services

~~ Patent Literature:
    Dialog files: 347,348,349,350

File 347:JAPIO Dec 1976-2007/Dec(Updated 080328)
        (C) 2008 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2007/ 200826
        (C) 2008 European Patent Office
File 349:PCT FULLTEXT 1979-2008/UB=20080703|UT=20080626
        (C) 2008 WIPO/Thomson
File 350:Derwent WPIX 1963-2008/UD=200843
        (C) 2008 The Thomson Corporation

Set   Items   Description
S1   160302   ATM OR ATMS OR (AUTOMAT?? OR ELECTRONIC)()(TELLER? ? OR BA-
                NK???) OR BANK()MACHINE? ? OR (CURRENCY OR CASH OR MONEY)()(D-
                ISPENS??? OR MACHINE? ?) OR TELLER()TERMINAL? ? OR CARD()(REA-
                DER? ? OR READING)
S2   69968   SENSE OR SENSED OR SENSES OR SENSING OR SENSOR OR DETECT???
                OR PERCEIV??? OR RECOGNI? OR DISTINGUISH??? OR TRACK??? OR R-
                ADIAT??? OR EMIT? ? OR EMITT??? OR INFRARED OR SONAR
S3   84435   USER OR USERS OR BODY OR BODIES OR PERSON OR PERSONS OR CU-
                STOMER? ? OR SUBSCRIBER? ? OR CLIENT? ? OR PATRON? ? OR ENROL-
                LEE? ? OR PARTICIPANT? ? OR MEMBER? ? OR INDIVIDUAL? ? OR USE-

```
                 R()INTERFACE
S4      32165   IMAGE OR IMAGES OR IMAGING OR PICTURE? ? OR PHOTO? ? OR PH-
                OTOGRAPH??? OR SNAPSHOT? ? OR PORTRAIT? ? OR PIX OR GFX OR GR-
                AFX
S5      91430   DETERMIN??? OR COMPARATOR? ? OR CALCULAT??? OR FIGURE? ? OR
                FIGURING OR COMPARE? ? OR COMPARING OR COMPARISON OR COMPARB-
                L??? OR COMPARATIVE?? OR APPRAIS??? OR ASSESS??? OR ASSESSMENT
S6     120286   FIRST OR ONE OR 1ST OR SECOND OR TWO OR 2ND OR PRIME OR PR-
                IMARY OR SECONDARY OR DIFFERENT OR EACH OR NEXT OR OTHER OR A-
                NOTHER OR SEPARATE OR PLURAL??? OR MULTIPLE? ? OR MULTI OR SE-
                VERAL OR NUMEROUS
S7      17546   S2(5N)S3
S8       2526   S4(4N)S5(4N)S6
S9          8   S1(20N)S7(20N)S8

 9/3,K/1      (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

01537571
GENIUS ADAPTIVE DESIGN
MODELE D'ADAPTATION AU GENIE
Patent Applicant/Inventor:
  CABINALLA Linda, 1145 Delaware St, Fairfield, CA 94533, US, US
    (Residence), US (Nationality), (Designated for all)
Patent and Priority Information (Country, Number, Date):
  Patent:              WO 200781519 A2 20070719 (WO 0781519)
  Application:         WO 2006US48704 20061219 (PCT/WO US2006048704)
  Priority Application: US 2005755291 20051230; US 2006756607 20060105; US
    2006778313 20060301; US 2006783018 20060315; US 2006786906 20060328; US
    2006852794 20061018
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN
  KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI
  NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT
  TZ UA UG US UZ VC VN ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL
  PL PT RO SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 520275


 9/3,K/2      (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

00909145    **Image available**
PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) SYSTEMS WITH INTEGRATED
DESPECKLING MECHANISMS PROVIDED THEREIN
SYSTEMES PLIIM D'ILLUMINATION ET D'IMAGERIE AU LASER PLANAIRE A MECANISME
DE DECHATOIEMENT INTEGRE
Patent Applicant/Assignee:
  METROLOGIC INSTRUMENTS INC, 90 Coles Road, Blackwood, NJ 08012, US, US
    (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  TSIKOS Constantine J, 65 Woodstone Drive, Voorhees, NJ 08043-4749, US, US
    (Residence), US (Nationality), (Designated only for: US)
  KNOWLES Carl Harry, 425 East Linden Street, Morrestown, NJ 08057, US, US
    (Residence), US (Nationality), (Designated only for: US)
  ZHU Xiaoxun, 669 Barton Run Boulevard, Marlton, NJ 08053, US, US
    (Residence), CN (Nationality), (Designated only for: US)
  SCHNEE Michael D, 41 Penns Court, Aston, PA 191014, US, US (Residence),
```

US (Nationality), (Designated only for: US)
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  (Residence), US (Nationality), (Designated only for: US)
WIRTH Allan, 358 Concord Road, Bedford, MA 01730, US, US (Residence),
  US (Nationality), (Designated only for: US)
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  (Residence), US (Nationality), (Designated only for: US)
JANKEVICS Andrew J, 80R Carlisle Road, Westford, MA 01886, US, US
  (Residence), US (Nationality), (Designated only for: US)
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  , US (Nationality), (Designated only for: US)
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  (Residence), US (Nationality), (Designated only for: US)
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  (Residence), US (Nationality), (Designated only for: US)
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  (Residence), US (Nationality), (Designated only for: US)
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  , US (Nationality), (Designated only for: US)
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  US, US (Residence), US (Nationality), (Designated only for: US)
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  (Residence), US (Nationality), (Designated only for: US)
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  (Residence), US (Nationality), (Designated only for: US)
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  (Residence), US (Nationality), (Designated only for: US)
YORSZ Jeffrey, 24 Fells Road, Winchester, MA 01890, US, US (Residence),
  US (Nationality), (Designated only for: US)
GIORDANO Patrick A, 1501 Little Gloucester Road, Apartment #U-40,
  Blackwood, NJ 08012, US, US (Residence), US (Nationality), (Designated
  only for: US)
COLAVITO Stephen J, 3520 Edgewater Lane, Brookhaven, PA 19015-2607, US,
  US (Residence), US (Nationality), (Designated only for: US)
WILZ David W Sr, 10 Orion Way, Sewell, NJ 08080, US, US (Residence), US
  (Nationality), (Designated only for: US)
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  (Residence), US (Nationality), (Designated only for: US)
KIM Steve Y, 129 Franklin Street, #113, Cambridge, MA 02139, US, US
  (Residence), US (Nationality), (Designated only for: US)
FISCHER Dale, 204 Sunshine Lakes Drive, voorhees, NJ 08043, US, US
  (Residence), US (Nationality), (Designated only for: US)
VAN Tassel John E Jr, 8 Arbor Lane, Winchester, MA 01890, US, US
  (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
PERKOWSKI Thomas J (et al) (agent), Thomas J. Perkowski, Esq., P.C.,
  Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, US.
Designated States:

(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext word Count: 298301

Fulltext Availability:
    Detailed Description
    Claims

Claim
... patterns to be generated at the image detection array of the IFD
    Subsystem during the photo -integration time period thereof. The
    numerous time-varying speckle-noise patterns produced at the image
    detection array are temporally (and possibly spatially) averaged during
    the photo-integration time period thereof, thereby...

 9/3,K/3   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

00807406   **Image available**
SYSTEM AND METHOD OF FAST BIOMETRIC DATABASE SEARCHING USING DIGITAL
    CERTIFICATES
SYSTEME ET PROCEDE DE RECHERCHE RAPIDE DE BASES DE DONNEES BIOMETRIQUES AU
    MOYEN D'UNE CERTIFICATION NUMERIQUE
Patent Applicant/Assignee:
    IRIDIAN TECHNOLOGIES, 121 Whittendale Drive, Moorestown, NJ 08057, US, US
       (Residence), US (Nationality)
Inventor(s):
    MUSGRAVE Clyde, 3620 Fairfield Place, Frisco, TX 75035, US,
    CAMBIER James L, 10 Holly Drive, Medford, NJ 08055, US,
Legal Representative:
    DONOHUE John P Jr (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
       Norris LLP, 46th Floor, One Liberty Place, Philadelphia, PA 19103, US,
Patent and Priority Information (Country, Number, Date):
    Patent: WO 200140982 A2-A3 20010607 (WO 0140982)
    Application: WO 2000US42147 20001114 (PCT/WO US0042147)
    Priority Application: US 99452603 19991201
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
    AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
    ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
    LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
    TR TT TZ UA UG UZ VN YU ZA ZW
    (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
    (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
    (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
    (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext word Count: 12463

Fulltext Availability:
    Detailed Description

Detailed Description
... Analysis'', issued to Daugman. As made clear by these patents, the
    visible texture of a person 's iris can be used to distinguish one
    person from another with great accuracy. Thus, in's recognition can be
    used for such purposes as controlling access to a secure facility or a
    bank automatic teller machine, for example. An iris recognition
    system involves the use of an imager to video image the in's of each
    person attempting access, and image processing means for comparing
    this iris video image with a reference iris image on file in a
    database.

Iris identification systems have been developed that are capable of...

9/3,K/4   (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

00801794   **Image available**
SYSTEM   AND   METHOD   OF   ANIMAL   IDENTIFICATION   AND   ANIMAL   TRANSACTION
  AUTHORIZATION USING IRIS PATTERNS
SYSTEME   ET   PROCEDE   D'IDENTIFICATION   D'ANIMAUX   ET   D'AUTORISATION   DE
  TRANSACTION POUR ANIMAUX UTILISANT DES MODELES D'IRIS
Patent Applicant/Assignee:
  IRISCAN INC, Suite E, 9 East Stow Road, Marlton, NJ 08053-3159, US, US
    (Residence), US (Nationality)
Inventor(s):
  MUSGRAVE Clyde, 3620 Fairfield Place, Frisco, TX 75035, US,
  CAMBIER James L, 10 Holly Drive, Medford, NJ 08055, US,
Legal Representative:
  DONOHUE John P Jr (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
    Norris LLP, 46th Floor, One Liberty Place, Philadelphia, PA 19103, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200135321 A1 20010517 (WO 0135321)
  Application: WO 2000US27295 20001004 (PCT/WO US0027295)
  Priority Application: US 99436525 19991109
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
  ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
  LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
  TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 15008

Fulltext Availability:
  Detailed Description

Detailed Description
... Analysis", issued to Daugman. As made clear by these patents, the
visible texture of a person 's iris can be used to distinguish one
person from another with great accuracy. Thus, iris recognition can be
used for such purposes as controlling access to a secure facility or a 1
5 bank automatic teller machine, for example. An iris recognition
system involves the use of an imager to video image the iris of each
person attempting access, and image processing means for comparing
this iris video image with a reference iris image on file in a
database.

  Iris identification systems have been developed that are capable of...

9/3,K/5   (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

00787067   **Image available**
PORTABLE AUTHENTICATION DEVICE AND METHOD USING IRIS PATTERNS
DISPOSITIF PORTABLE ET PROCEDE D'IDENTIFICATION REPOSANT SUR L'UTILISATION
  DE CONFIGURATIONS DE L'IRIS
Patent Applicant/Assignee:
  IRISCAN INC, Suite E, 9 East Stow Road, Marlton, NJ 08053-3159, US, US
    (Residence), US (Nationality)
Inventor(s):

CAMBIER James L, 10 Holly Drive, Medford, NJ 08055, US,
SIEDLARZ John E, 2 Cragmoor Drive, Indian Mills, NJ 08088, US,
Legal Representative:
  DONOHUE John P Jr (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
    Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200120561 A1 20010322 (WO 0120561)
  Application: WO 2000US22358 20000815 (PCT/WO US0022358)
  Priority Application: US 99396083 19990914
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
  ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
  LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
  TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 10725

Fulltext Availability:
  Detailed Description

Detailed Description
... Analysis ", issued to Daugman. As made clear by these patents, the
visible texture of a **person** 's iris can be used to **distinguish** one
person from another with great accuracy. Thus, iris **recognition** can be
used for such purposes as controlling access to a secure facility or a
bank **automatic** teller machine, for example. An iris recognition
system involves the use of an imager to video image the iris of **each**
person attempting access, and **image** processing means for comparing
this iris video **image** with a reference iris **image** on file in a
database.

  Iris identification systems have been developed that are capable of...

   9/3,K/6   (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

00568306   **Image available**
IRIS IMAGING TELEPHONE SECURITY MODULE AND METHOD
MODULE ET PROCEDE DE SECURITE TELEPHONIQUE A IMAGERIE IRIENNE
Patent Applicant/Assignee:
  IRISCAN INC,
Inventor(s):
  MUSGRAVE Clyde,
  CAMBIER James L,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200031679 A1 20000602 (WO 0031679)
  Application: WO 99US26559 19991110 (PCT/WO US9926559)
  Priority Application: US 98199369 19981125; US 99310302 19990512
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
  GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
  MD MG MK MN MW MX MO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
  UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU
  TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
  CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 11021

Fulltext Availability:
   Detailed Description

Detailed Description
... Analysis", issued to Daugman. As made clear by these patents, the
visible texture of a person 's iris can be used to distinguish one
person from another with great accuracy. Thus, iris recognition can be
used for such purposes as controlling access to a secure facility or a
bank automatic teller machine, for example. An iris recognition
system involves the use of an imager to video image the iris of each
person attempting access, and image processing means for comparing
this iris video image with a reference iris image on file in a
database.

   Iris identification systems have been developed that are capable of...

   9/3,K/7   (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2008 WIPO/Thomson. All rts. reserv.

00567152   **Image available**
HANDHELD IRIS IMAGING APPARATUS AND METHOD
PROCEDE ET APPAREIL PORTATIF D'IMAGERIE IRIENNE
Patent Applicant/Assignee:
   IRISCAN INC,
Inventor(s):
   MCHUGH James Timothy,
   LEE James Henry,
   KUHLA Cletus Bonaventure,
Patent and Priority Information (Country, Number, Date):
   Patent: WO 200030525 A2 20000602 (WO 0030525)
   Application: WO 99US26611 19991110 (PCT/WO US9926611)
   Priority Application: US 98200214 19981125
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
   AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
   GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
   MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
   UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU
   TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG
   CI CM GA GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 9033

Fulltext Availability:
   Detailed Description

Detailed Description
... Analysis", issued to Daugman. As made clear by these patents, the
visible texture of a person 's iris can be used to distinguish one
person from another with great accuracy. Thus, iris recognition can be
used for such purposes as controlling access to a secure facility or a
bank automatic teller machine, for example. An iris recognition
system involves the use of an imager to video image the iris of each
person 20 attempting access, and image processing means for comparing
this iris video image with a reference iris image on file in a
database.

   Iris identification systems have been developed that are capable of...

^ 9/3,K/8   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2008 The Thomson Corporation. All rts. reserv.

0014201158 - Drawing available
WPI ACC NO: 2004-386747/200436

Method against automatic teller machine theft - detect if user is wearing
head mask to prevent ATM theft
Patent Assignee: SHIU Y (SHIU-I)
Inventor: SHIU Y
Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
TW 565807	A	20031211	TW 2003104281	A	20030227	200436	B
TW 200416627	A	20040901				200624	E

Priority Applications (no., kind, date): TW 2003104281 A 20030227

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
TW 565807	A	ZH		1	
TW 200416627	A	ZH			

   Alerting Abstract ...NOVELTY - A method against automatic teller machine
(ATM) theft comprises (A) fetch a background image and record the
background image prior to transaction execution of an ATM ; (B) fetch an
operation image containing user when user uses ATM to execute
transaction; (C) compare background image with operation image and
remove the overlapped area of two images to form a people image of user;
(D) inspect an image boundary of the people image to generate an inspection
area located at user 's head; (E) edge detection   detects a head
contour of people image in area; (F) scan upper half of head contour...

Original Publication Data by Authority

Argentina